

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIMBERLEY D. MACEWAN	03/26/2013
REINALDO C. NAVARRETE	03/20/2013
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16448895
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<b>DATE SIGNED:</b>	07/17/2019
<b>Total Attachments: 3</b>	
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source=IGVOL0104USD_Assignment_Inventors_to_MWV#page3.tif	

## ASSIGNMENT BY INVENTOR

WHEREAS, I, **Kimberley D. MacEwan**, a citizen of Canada, residing at 1601 Willowick Court, Mount Pleasant, SC 29466, and **Reinaldo C. Navarrete**, a citizen of Chile, residing at 130 River Landing Drive, Daniel Island, SC 29492 (now hereafter referred to as Assignor(s)), has invented certain new and useful COMPOUND, COMPOSITION, AND METHOD FOR ENHANCED OIL RECOVERY USING SULFUR SURFACTANTS for which an application for letters patent of United States was filed on March 15, 2013 as Application No. 61/786662.

AND WHEREAS, **MeadWestvaco Corporation**, a corporation of the State of Delaware, having its place of business at 501 South 5<sup>th</sup> Street, Richmond, VA 23219-0501, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and in and to any letters patent that may be obtained therefore and thereon.

NOW, THEREFORE, with good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) hereby sell, assign, transfer and set over unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application and any application claiming priority therefrom, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended. And for the same consideration, Assignor(s) hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

Furthermore, Assignor(s) hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MEADWESTVACO CORPORATION

All practitioners associated with United States Patent Office Customer Number 66061

AND Assignor(s) acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I hereunto set my hand this 26 day of March, 2013.

*Kimberley D. MacEwan*  
Inventor Signature

Kimberley D. MacEwan  
Type or Print Name

WITNESS

On this 26<sup>th</sup> day of March, 2013, before me personally appeared Kimberley D. MacEwan, personally known to me, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

*Susan Harrison*  
Signature of Witness

SUSAN HARRISON  
Type or Print Name

IN TESTIMONY WHEREOF, I hereunto set my hand this <sup>rec. 3-2013</sup> 20 day of March, 2013.

[Signature]  
Inventor Signature

Reinaldo C. Navarrete

Type or Print Name

WITNESS

On this 20<sup>th</sup> day of March, 2013, before me personally appeared Reinaldo C. Navarrete, personally known to me, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

[Signature]  
Signature of Witness

Susan Harrison  
Type or Print Name